

Title (en)  
METHOD FOR PRODUCING A SEMI-FINISHED PART AND A WORKPIECE

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES HALBZEUGS UND EINES WERKSTÜCKS

Title (fr)  
PROCÉDÉ DE FABRICATION D'UN DEMI-PRODUIT ET D'UNE PIÈCE À USINER

Publication  
**EP 3482854 B1 20200812 (DE)**

Application  
**EP 18204322 A 20181105**

Priority  
DE 102017126537 A 20171113

Abstract (en)  
[origin: US2019143411A1] A method for manufacturing a three-dimensional semi-finished product comprises the steps of applying a first raw material powder to a carrier, applying a second raw material powder to the carrier, selectively irradiating the first raw material powder applied to the carrier with electromagnetic radiation or particle radiation, in order to manufacture a workpiece produced from the first raw material powder on the carrier by a generative layer construction method, and selectively irradiating the second raw material powder applied to the carrier with electromagnetic radiation or particle radiation, in order to manufacture a support element produced from the second raw material powder on the carrier by a generative layer construction method, wherein the support element produced from the second raw material powder has a higher thermal conductivity than the workpiece produced from the first raw material powder and wherein the support element dissipates heat introduced during the irradiation of the first and the second raw material powder.

IPC 8 full level  
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